

REMARKS

Reconsideration of the above-identified Application is respectfully requested. Claims 1-28 are in the case. Claims 1, 2, 9, 11, 15, 16, 20, 23 and 25 have been amended. The Specification has been amended, including the Abstract.

Initially, the Examiner's attention is respectfully drawn to the attorney correspondence address on the above-mentioned Office Action, and to the Change of Attorney Correspondence Address request filed on July 10, 2001. It is respectfully requested that such request be granted, and that future correspondence in this case be sent to the address in that request.

Regarding the requirement of correction of the Abstract, it has been so amended. Acceptance and entry into the case of the substitute Page 56 of the Specification are respectfully requested.

Regarding the objection to the disclosure, the Specification has been extensively amended in accordance with the Examiner's kind suggestions. It is therefore respectfully submitted that this objection has been overcome, wherefore reconsideration and withdrawal of this objection are respectfully requested.

Regarding the objection to the drawings, amendments have been made to Figures 5 and 6B in accordance with the Examiner's kind suggestions, and amendments have been made to the Specification that overcome the remaining grounds for this rejection. It is therefore respectfully submitted that this objection has been overcome, wherefore reconsideration and withdrawal of this objection are respectfully requested.

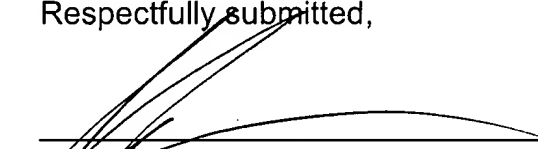
Regarding the objection to the claims, Claims 1, 2, 9, 11, 15, 16, 20, 23 and 25 have been amended in accordance with the Examiner's kind suggestions. It is therefore respectfully submitted that this objection has been overcome, wherefore reconsideration and withdrawal of this objection are respectfully requested.

It is respectfully submitted that the claims recite the patentably distinguishing features of the invention and that, taken together with the above remarks, the present application is now in proper form for allowance. Reconsideration of the application, as amended, and allowance of the claims are requested at an early date.

While it is believed that the instant amendment places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, the Applicants petition for an Extension of Time under 37 C.F.R. §1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees to the Deposit Account No. 20-0668 of Texas Instruments Incorporated.

Respectfully submitted,



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AMENDMENTS TO THE DRAWINGS:

Please amend the drawings as follows:

Replace Sheet 4 of the drawings with the accompanying replacement Sheet 4, in which, in Figure 5, the reference numeral "412" identifying "DSP A" has been replaced with reference numeral --412A--, and the reference numeral "412" identifying "DSP B" has been replaced with reference numeral --412B--; and

Replace Sheet 5 of the drawings with the accompanying replacement Sheet 5, in which the reference numeral "614" identifying "OUT QUEUE" has been replaced with reference numeral --616--, and reference numeral --617-- has been added, identifying IN QUEUEs 0 through N.

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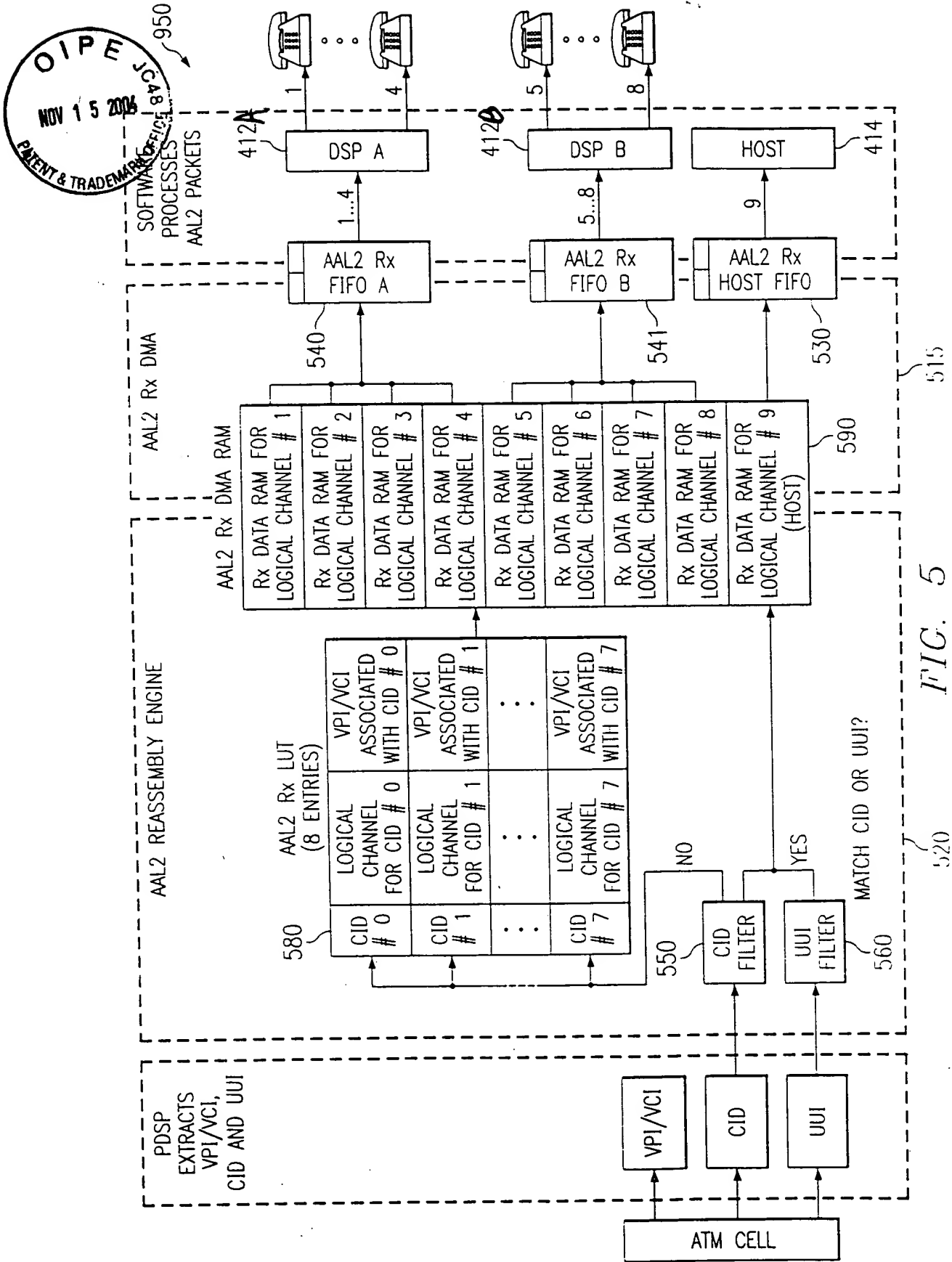


FIG. 5



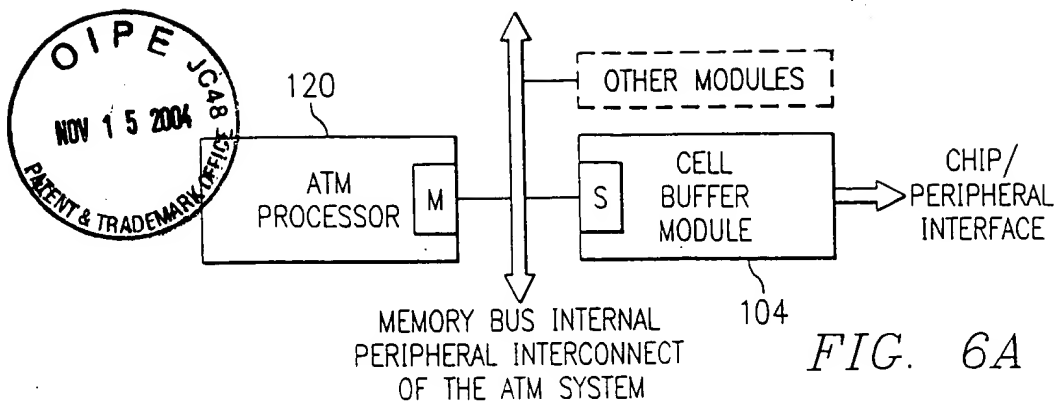


FIG. 6A

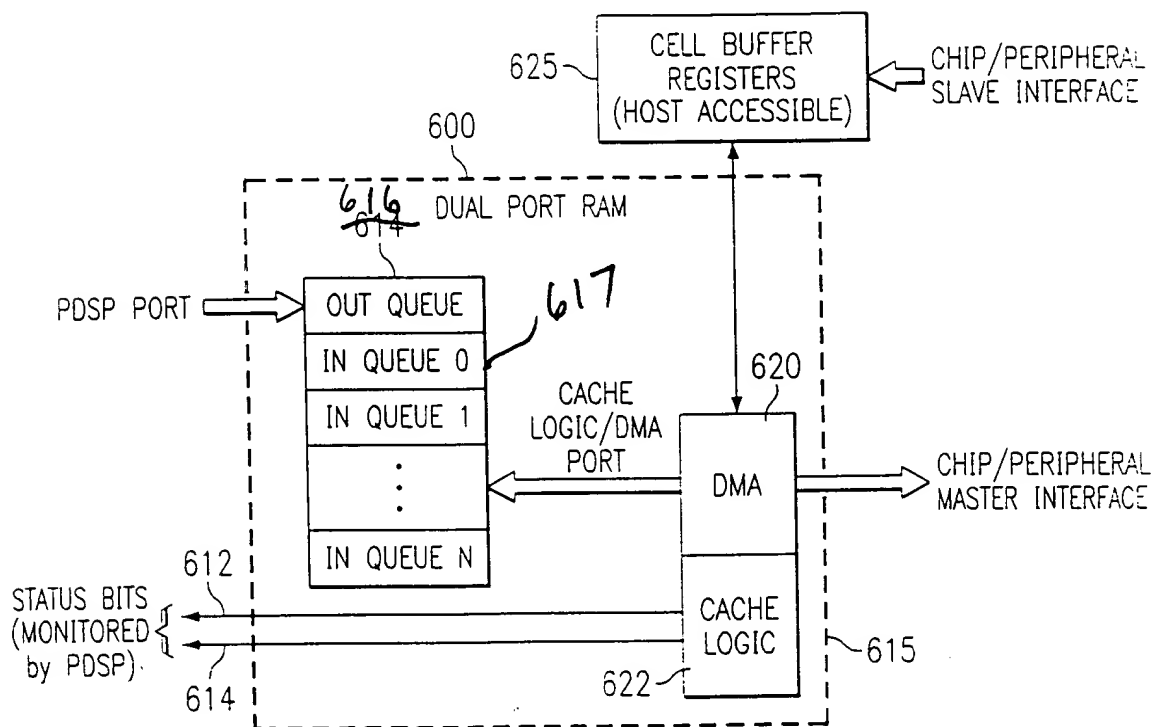


FIG. 6B

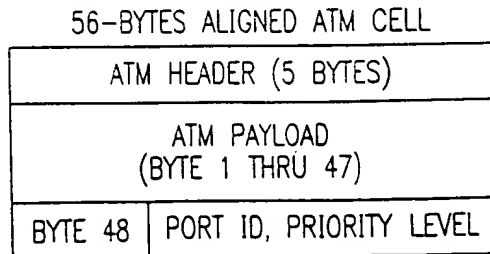


FIG. 7